

Amendment to the Claims

7. (Currently Amended) A riser control device for use with spool or horizontal production trees for a well in sub-sea oil and gas installations, said device comprising:

a housing;

a pair of radially movable rams disposed within said housing, said rams being disposed in opposed relation for isolating the well;

a pair of radially movable shear blades disposed within said housing, said blades being disposed in opposed relation for cutting off an intervention string; and

a vertically disposed actuator assembly, disposed within said housing, for simultaneously driving said rams and said blades,

wherein said vertically disposed actuator assembly comprises a hydraulically driven annular piston disposed in an annular chamber, a piston rod connected to said piston, and a translation beam connected to said piston rod for transmitting movement of said piston to open or close said rams and blades.

8. (Cancelled)

9. (Currently Amended) The riser control device as claimed in ~~claim 8~~claim 7, wherein said blades and said rams are connected such that radial movement of said blades can cause radial movement of said rams.

10. (Previously Presented) The riser control device as claimed in claim 9, wherein each of said rams has a slot in a lower face thereof, and each of said blades has a spigot on an upper section thereof, wherein said spigots are received in said slots, respectively, thereby forming the connection between said rams and blades.

11. (Previously Presented) The riser control device as claimed in claim 10, wherein each of said spigots can move in said respective slot without effecting movement of said blade.

12. (Previously Presented) The riser control device as claimed in claim 10, wherein each of said slots extends over a distance and is parallel to an axis of said respective ram, and each of said spigots is movable along the length of said respective slot without effecting movement of said respective blade.

13. (Currently Amended) A riser control device for use with spool or horizontal production trees for a well in sub-sea oil and gas installations, said device comprising:

a housing;

a pair of radially movable rams disposed within said housing, said rams being disposed in opposed relation for isolating the well;

a pair of radially movable shear blades disposed within said housing, said blades being disposed in opposed relation for cutting off an intervention string; and

a vertically disposed actuator assembly, disposed within said housing, for simultaneously driving said rams and said blades,

~~— The riser control device as claimed in claim 7,~~ wherein said vertically disposed actuator assembly comprises:

a first hydraulically driven annular piston disposed in a first annular chamber, a first piston rod connected to said first piston, and a first translation beam connected to said first piston rod for transmitting movement of said first piston; and

a second hydraulically driven annular piston disposed in a second annular chamber, a second piston rod connected to said second piston, and a second translation beam connected to said second piston rod for transmitting movement of said second piston,

wherein linear movement of said first and second piston rods is parallel to a longitudinal axis of said housing, and such movement is transmitted to said blades and rams to cause radial movement thereof that is perpendicular relative to the linear movement of said piston rods.

14. (Currently Amended) A riser control device for use with spool or horizontal production trees for a well in sub-sea oil and gas installations, said device comprising:

a housing;

a pair of radially movable rams disposed within said housing, said rams being disposed in opposed relation for isolating the well;

a pair of radially movable shear blades disposed within said housing, said blades being disposed in opposed relation for cutting off an intervention string; and

a vertically disposed actuator assembly, disposed within said housing, for simultaneously driving said rams and said blades.

~~The riser control device as claimed in claim 7,~~ wherein said housing comprises upper and lower interconnected housing sections, and said vertically disposed actuator assembly is disposed in said lower housing section.

15. (Cancelled)

16. (Currently Amended) A riser control device for use with spool or horizontal production trees for a well in sub-sea oil and gas installations, said device comprising:

a housing;

a pair of radially movable rams disposed within said housing, said rams being disposed in opposed relation for isolating the well;

a pair of radially movable shear blades disposed within said housing, said blades being disposed in opposed relation for cutting off an intervention string; and

a vertically disposed actuator assembly, disposed within said housing, for simultaneously driving said rams and said blades.

wherein said blades and said rams are connected such that radial movement of said blades can cause radial movement of said rams, and

~~The riser control device as claimed in claim 15,~~ wherein each of said rams has a slot in a lower face thereof, and each of said blades has a spigot on an upper section thereof, wherein said spigots are received in said slots, respectively, thereby forming the connection between said rams and said blades.

17. (Previously Presented) The riser control device as claimed in claim 16, wherein said each of said spigots can move in said respective slot without effecting movement of said blade.

18. (Previously Presented) The riser control device as claimed in claim 16, wherein each of said slots extends over a distance parallel to an axis of said respective ram, and each of said spigots is movable along the length of said respective slot without effecting movement of said respective blade.